REMARKS

Claims 1-35 were previously pending in this patent application. Claims 1-35 stand rejected. Herein, Claims 1, 10, 19, and 28 have been amended. Accordingly, after this Amendment and Response After Final Action, Claims 1-35 remain pending in this patent application. Further examination and reconsideration in view of the claims, remarks, and arguments set forth below is respectfully requested.

35 U.S.C. Section 102(e) Rejections

Claims 1-35 stand rejected under 35 U.S.C. 102(e) as being anticipated by Vaithilingam et al., U.S. Patent No. 6,411,724 (hereafter Vait). These rejections are respectfully traversed.

Independent Claim 1 recites:

"A method of forming a semantic description for content data, comprising the steps of:
a)   retrieving one or more of a plurality of component semantic descriptions stored remotely from said content data according to reference information associated with said content data, wherein *each component semantic description is originally created to semantically describe data other than said content data*; and
b)   *generating said semantic description for said content data using said one or more component semantic descriptions* and said reference information associated with said content data, wherein said semantic description describes an underlying meaning of said content data rather than what is in said content data, and wherein said reference information includes one of location of said component semantic descriptions, identity of said component semantic descriptions needed to create said semantic description, and manner of processing said

component semantic descriptions to create said semantic description."
(emphasis added)

It is respectfully asserted that Vait does not disclose the present invention as recited in Independent Claim 1. In particular, Independent Claim 1 recites the limitations "wherein *each component semantic description is originally created to semantically describe data other than said content data*" and "*generating said semantic description for said content data using said one or more component semantic descriptions*" (emphasis added). In contrast to Independent Claim 1, Vait is directed to extracting a first type of meta-data (or descriptors) from multimedia information (or content data) stored in one place (such as a multimedia repository) or distributed throughout the world, clustering the first type of meta-data, indexing the first type of meta-data to the multimedia information in the repository, generating a second type of meta-data (or meta-descriptors) for the clusters using the first type of meta-data, and attaching the second type of meta-data to the respective multimedia information in the clusters. [Vait; Figure 2; Col. 2, lines 50-64].

That is, Vait discloses meta-data that is extracted from the content data and meta-data that is generated from the meta-data extracted from the content data. However, Vait fails to disclose meta-data (or component semantic descriptions) originally created to semantically describe data other than the content data and fails to disclose generating the meta-data (or semantic

description) for the content data using the component semantic descriptions which were originally created to semantically describe data other than the content data, as recited in Independent Claim 1. That is, instead of creating and storing the semantic description for the content data, and then accessing the semantic description when needed, the invention recited in Independent Claim 1 allows the semantic description to be generated when needed from distributively stored component semantic descriptions and reference information associated with the content data. The component semantic descriptions are originally created to describe data other then the content data. As a result, demand for storage is reduced and re-use of component semantic descriptions is encouraged. For example, the semantic description for an elaborate wedding (or content data) may be formed by using the distributively stored component semantic descriptions of a basic wedding, a fancy wedding gown, a stretch limousine, an expensive wedding cake, etc. These component semantic descriptions are modified and combined using the reference information to form the semantic description for the elaborate wedding.

Further, Vait is directed to querying the multimedia information in the repository. [Vait; Figure 2; Col. 2, lines 50-64]. Vait discloses selecting query multimedia information, extracting at least one first type of meta-data from the query multimedia information, comparing the first type of meta-data from the query multimedia information with the first type of meta-data of the multimedia

information in the repository multimedia information in the repository, and ranking at least some of the multimedia information in the repository based on the comparison results. Id.

As discussed above, Vait does not disclose the cited claim limitations of Independent Claim 1. Therefore, it is respectfully submitted that Independent Claim 1 is not anticipated by Vait and is in condition for allowance.

Dependent Claims 2-9 are dependent on allowable Independent Claim 1, which is allowable over Vait. Hence, it is respectfully submitted that Dependent Claims 2-9 are patentable over Vait for the reasons discussed above.

With respect to Independent Claims 10, 19, and 28, it is respectfully submitted that Independent Claims 10, 19, and 28 recite similar limitations as in Independent Claim 1. In particular, Independent Claim 10 recites the limitations "wherein *each component semantic description is originally created to semantically describe data other than said content data*" and "*generating said semantic description for said content data using said one or more component semantic descriptions*" (emphasis added). Further, Independent Claim 19 is directed to a semantic description for content data and recites the claim limitations "wherein said one or more *component semantic descriptions are processed based on said reference information to form said semantic*

description" and "wherein *each component semantic description is originally created to semantically describe data other than said content data*" (emphasis added). Furthermore, Independent Claim 28 recites the limitations "wherein *each component semantic description is originally created to semantically describe data other than said content data*" and "*generating said semantic description for said content data using said one or more component semantic descriptions*" (emphasis added). Therefore, Independent Claims 10, 19, and 28 are allowable over Vait for reasons discussed in connection with Independent Claim 1.

Dependent Claims 11-18, Dependent Claims 20-27, and Dependent Claims 29-35 are dependent on allowable Independent Claims 10, 19, and 28 respectively, which are allowable over Vait. Hence, it is respectfully submitted that Dependent Claims 11-18, Dependent Claims 20-27, and Dependent Claims 29-35 are patentable over Vait for the reasons discussed above.

CONCLUSION

It is respectfully submitted that the above claims, arguments and remarks overcome all rejections and objections. All remaining claims (Claims 1-35) are neither anticipated nor obvious in view of the cited references. For at least the above-presented reasons, it is respectfully submitted that all remaining claims (Claims 1-35) are in condition for allowance.
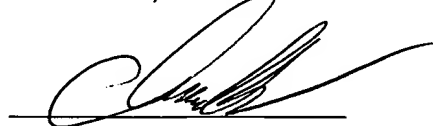
The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Please charge any additional fees or apply any credits to our PTO deposit account number: 23-0085.

Respectfully submitted,

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Dated: _May 3, 2005_

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